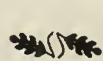


**Rural District Council**

OF



**LANCHESTER.**



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**THE**

**ANNUAL REPORTS**

OF THE

**Medical Officers of Health**

AND

**Inspector of Nuisances,**


FOR THE YEAR 1894

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**Durham :**

Geo. H. Procter, City Printer, Stationer, and Bookbinder, Market Place.

1895.



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## LANCHESTER DISTRICT.

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Lanchester,

January 31st, 1895.

MR. CHAIRMAN AND GENTLEMEN,

From time to time throughout the past year 1894, I have systematically inspected the villages and places comprising the Lanchester Division of the Lanchester Rural District.

Wagtail Cottages and Railway and Wylam Streets are in a good sanitary condition.

Fawside, a farmhouse near Holmside, at the beginning of this year was in an unsanitary state, but has now been put in a satisfactory condition. The houses known as Holmside Barracks have been much improved.

Burnhope is in a fair sanitary condition. The sewage from this village is now being clarified by irrigation over land in the valley below.

Lizzie Colliery and Clavering Place are fairly clean.

Greencroft Cottages are clean. The old pantries in connection with one of the rows at this place were so dilapidated that they had to be pulled down and new ones built.

Happy Land.—The houses here have been spouted and much improved; an intercepting channel has been made to prevent the rain water, when rushing down the hill, from flowing into them.

Lanchester is clean. 15 new houses with ashpits and privies have been built here during the year.

Malton Colliery.—I visited this place in October last and found it in a very unsatisfactory condition. The drainage was badly arranged, the slop water ran from the sinks into a large open ditch, and the suspended matter was deposited there. The drains have since been altered, but the tank to receive the slop water, which I recommended in my monthly report has not yet been provided. This should be attended to as soon as possible to put a stop to the further pollution of the river Browney. The roofless ashpits and privies here have been repaired.

Nothing has yet been done by the owner of Upper Houses to remedy matters there. The ground around the farm onstead is very wet, and the dwelling house is very damp, which keeps the health of the family at a low standard, and which I have no doubt was the cause of the two cases of typhoid fever both sickening at the same time. The work should be begun at once, with thorough drainage and spouting of the whole building.



Langley Park.—This village is in a good sanitary condition with the exception of some of the private property. The defective ash-pits at Forster's Buildings should be put right and covered, and the yards repaved, as sewage matter percolates through the defective joints and pollutes the soil around the houses. Wearmouth's yards should also be repaved. 16 new houses have been built here during the year.

Hill Top, near Esh, is clean.

Ushaw Moor is in a good sanitary condition, but if the owners of this colliery village would cover the ashpits, and cement the remaining uncemented street, then the place would be finished.

Esh Winning is clean. 10 new houses have been built here during the year.

Newhouse Cottages.—There are a few uncovered ashpits at this place. I found some of them in a filthy state. You should insist upon the owners covering them, for when they are being emptied the gases arising from them tends greatly to the injury of the inhabitants. Part of the front side of these houses is cemented, and if the several owners would continue this to the end of the street they would have a better appearance, and it would keep the foundations dry.

Railway Terrace is clean.

Hamsteels Colliery is fairly clean, but a few of the ashpits require repairing.

Quebec is in a fair sanitary condition. A number of the ash-pits require new roofs.

Cornsay Colliery is in a good sanitary condition with the exception of Brown's Houses and Bainbridge's Houses. They are in an unsanitary condition. The roofs are bad, the walls are damp, and the out offices are defective. The water supply to Brown's Houses is unsatisfactory.

East Hedleyhope is clean. The piggeries which stood too near the houses at this village are removed.

Hedleyfell is fairly clean, but the open ashpits which stand between the two rows of houses should be covered, when they are being emptied the smells are most disagreeable.

Cowsley Cottages are fairly clean.

The Dairies and Cowsheds in this district are clean and satisfactory.

The villages of Maiden Law, Lanchester, Square House Cottages, Wilk's Hill and Esh have been supplied with water by the Consett Water Company at the instance of the Sanitary Authority, toward which, that body contributed £2500.

The water supply to Hollinside Cottages is defective in summer.

**Typhoid Fever.**—This disease was in this district from January to December. With but two exceptions, two cases did not occur in one house until the first week in October, when the fever began to assume an epidemic form. The exceptions were two cases in one house at Clavering Place, and two cases in one house at the hamlet of Biggen. The first case at Clavering Place was that of a young man, 20 years of age, who died, but the cause for the disease could not be discovered. This case was followed in about a month after by his brother taking the fever. The first case at Biggen was also that of a young man, a lodger. He had been more or less unwell from a feverish cold for a fortnight, when typhoid symptoms developed. The second case, also a lodger in the same house, showed itself 14 days after. Eight days afterwards the farmer at Biggen was seized with the disease, and he was removed at once to Leadgate Hospital. The selling of milk also was stopped. I carefully examined this place and found it clean and to all appearance satisfactory. The drinking water used by the inhabitants is a surface water conveyed in a metal pipe from an adjoining field. A specimen of the water was sent to the County Analyst for examination and he pronounced it unsafe and unwholesome. On the 8th day of October the fever appeared at Malton, a small colliery village, a little beyond a quarter of a mile from Biggen, here it rapidly became epidemic. There were 21 cases in all, 9 of which were removed to Leadgate Hospital. Whatever may have been the cause for this outbreak of fever at Malton, I cannot think it is to be attributed to the unsatisfactory condition in which I found the drains. I much rather incline to the opinion that the drinking water was the cause, as it came from the coal workings, and the specimen sent to the County Analyst was pronounced by him as being unsafe and unwholesome. It is under consideration to supply Biggen and Malton with water from the Consett Water Company's mains at Square House. 57 cases of this disease were notified, and 7 deaths returned.

**Scarlet Fever.**—Although this disease was in this large district all the year, it at no time became epidemic, and it was of a mild type. 180 cases were notified, and 3 deaths returned.

**Puerperal Fever.**—4 cases were notified, and 1 death returned.

**Diphtheria.**—29 cases were notified, and 1 death returned.

**Membraneous Croup.**—10 cases were notified, and 2 deaths returned.

**Erysipelas.**—85 cases were notified, but no deaths returned.

**Whooping Cough.**—115 cases were reported, and 16 deaths returned.

Measles.—This disease was in the district all through the year, but it became epidemic in the township of Esh in the month of August. 560 cases were reported, and 14 deaths returned.

Diarrhœa was not prevalent during the year, but 5 deaths were returned.

The mortality table shows that the number of deaths are 346, being 16 more than the previous year, and giving a death rate of 21 per thousand. The diseases of the respiratory organs, including Phthisis, caused 99 deaths, being 4 less than the former year. The deaths from Bronchitis and Pneumonia are 2 less, and there are 2 deaths less from Phthisis than in 1893.

The births were 669, being 22 more than the previous year, and giving a birth-rate of 40 per thousand.

I am, Mr. Chairman and Gentlemen,

Your obedient servant,

JOHN WILSON,

Medical Officer.

THE RURAL DISTRICT COUNCIL OF  
LANCHESTER.





(A). *TABLE OF DEATHS During the Year, 1894, in the Lanchester Rural District (Lanchester District); classified according to Diseases, Ages, and Localities.*

Names of Localities adopted for the purpose of these statistics; Public Institutions being shown as separate Localities.	MORTALITY FROM ALL CAUSES, AT SUBJOINED AGES.						MORTALITY FROM SUBJOINED CAUSES, DISTINGUISHING DEATHS OF CHILDREN UNDER FIVE YEARS OF AGE.																									
	At all ages	Under 1 year	1 and under 5	5 and under 15	15 & under 25	25 & under 65	65 & upwards	Smallpox	Scarlatina	Diphtheria	Membranous Group	FEVERS.					Puerperal	Cholera	Erysipelas	Measles	Whooping Cough	Diarrhoea and Dysentery	Rheumatic Fever	Ague	Phtthisis	Bronchitis, Pneumonia, and Pleurisy	Heart Disease	Injuries	All Other Diseases	Total		
												Typhus	Enteric or Typhoid	Cont'd	Relapsing																	
Cornsay ..	45	12	8	1	3	8	13	Under 5 5 upw'ds	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	10	20	
Esh ..	122	56	30	4	4	14	14	Under 5 5 upw'ds	3	..	1	..	..	1	..	..	..	..	..	..	3	..	1	..	..	..	..	..	..	34	86	
Greencroft ..	35	12	3	4	4	5	7	Under 5 5 upw'ds	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	15	
Hedleyhope ..	17	11	1	1	1	2	1	Under 5 5 upw'ds	..	1	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	8	12	
Lanchester ..	84	34	11	..	5	21	13	Under 5 5 upw'ds	..	..	..	..	4	..	..	..	2	..	4	..	..	..	..	..	..	..	..	..	..	29	45	
Langley ..	1	1	..	..	..	..	..	Under 5 5 upw'ds	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..
Satley ..	4	..	..	..	..	1	3	Under 5 5 upw'ds	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..
Workhouse ..	38	3	..	..	..	13	22	Under 5 5 upw'ds	..	..	..	..	..	..	..	..	..	..	..	..	1	..	2	..	..	..	..	..	..	22	35	
TOTALS ..	346	129	53	10	17	64	73	Under 5 5 upw'ds	3	1	1	1	7	..	1	..	13	16	4	3	..	4	..	..	..	..	..	..	..	93	182	
									..	..	..	..	..	..	..	..	1	1	1	..	1	..	..	..	..	..	..	..	..	88	164	

(B.) *TABLE OF POPULATION, BIRTHS, and of NEW CASES OF INFECTIOUS SICKNESS, coming to the knowledge of the Medical Officer of Health, during the year 1894, in the Lancaster Rural District (Lancaster District); classified according to Diseases, Ages, and Localities.*

Names of Localities adopted for the purpose of these statistics; Public Institutions being shown as separate Localities.	Population at all Ages.		Registered Births.	Aged under 5 or over 5.	New Cases of Sickness in each Locality, coming to the knowledge of the Medical Officer of Health.													Number of such Cases removed from their Homes in the several Localities for Treatment in Isolation Hospital.		
	Census 1891.	Estimated to middle of 1894			Smallpox	Scarlatina	Diphtheria	Membranous Group	Fever.					Cholera	Erysipelas	Measles	Whooping Cough			
									Typhus	Enteric or Typhoid	Contin'd	Relapsing	Puerperal							
Cornsay ..	2327	..	86	Under 5 .. 5 upw'ds..	4 5	3 4	2	..	3	..	..	..	..	..	60 61	16	20	..	7	..
Esh ..	6305	..	262	Under 5 .. 5 upw'ds..	40 26	11	2	..	9	..	..	..	..	..	150 176	54	43	1	..	..
Greencroft ..	2000	..	67	Under 5 .. 5 upw'ds..	20 15	..	..	..	2	..	..	..	..	..	..	2	14	..	..	..
Hedleyhope ..	1504	..	51	Under 5 .. 5 upw'ds..	15 14	4 5	2	..	1	..	..	..	..	..	30 50	6	..	..	..	..
Lanchester ..	4012	..	195	Under 5 .. 5 upw'ds..	14 16	..	2	..	35	4	..	1	..	..	7 12	6	11	9	..	..
Langley ..	149	..	2	Under 5 .. 5 upw'ds..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Satley ..	122	..	6	Under 5 .. 5 upw'ds..	6 4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Workhouse ..	..	..	..	Under 5 .. 5 upw'ds..	1	..	..	..	..	..	..	..	..	..	..	1	4	..	..	..
TOTALS ..	16419	..	669	Under 5 .. 5 upw'ds..	99 81	7 21	8	..	50	5	..	3	..	..	247 299	85	20	10	79	..

## MEDOMSLEY DISTRICT.

---

Ebchester Hill,

January 22nd, 1895.

Mr. Chairman and Gentlemen,

I have great pleasure in presenting you with my annual Report of Health for the Medomsley District for the year ending December 31st, 1894.

The Registrar's returns show that 247 births were registered against 256 of last year, giving on a population of 7,415 estimated to the middle of 1894, a birth-rate of 33·3, as against 34·4 per thousand of previous year.

The deaths registered at all ages were 105, as against 118, giving a death-rate of 14·1, as against 15·8 per thousand of previous year.

The annexed tables refer to the number of deaths, and the ages at which death occurred in Medomsley, Ebchester, Healeyfield and Muggleswick.

In Medomsley 29 deaths were under 1 year.

„ 13 deaths were 1 and under 5 years.

„ 5 deaths were 5 and under 15 years.

„ 8 deaths were 15 and under 25 years.

„ 24 deaths were 25 and under 65 years.

„ 12 deaths were 65 and upwards.

Total at all ages 91.

In Ebchester 1 death was 25 and under 65 years.

„ 1 death was 65 and upwards.

Total at all ages 2.

In Healeyfield and

Muggleswick 2 deaths were under 1 year.

„ 5 deaths were 25 and under 65 years.

„ 5 deaths were 65 and upwards.

Total at all ages 12.



The following table shews the different causes of death :—

Small-pox	...	...	...	3 deaths.
Scarlatina	...	...	..	2 deaths.
Diphtheria	...	...	...	1 death.
Enteric or Typhoid	...	...	...	1 death.
Puerperal Fever	...	...	...	3 deaths.
Erysipelas	...	...	...	2 deaths.
Whooping Cough	..	...	...	3 deaths.
Diarrhœa and Dysentery		...	...	1 death.
Phthisis	...	...	...	8 deaths.
Bronchitis, Pneumonia, and Pleurisy			...	14 deaths.
Heart Disease	...	...	...	9 deaths.
Injuries	...	...	...	1 death.
All other diseases	...	...	...	57 deaths.
Total				105 deaths.

There were no deaths from Typhus, or Relapsing Fever, Cholera, Measles, or Rheumatic Fever.

Small-pox caused 3 deaths in Medomsley above 5 years. Scarlatina caused 2 deaths in Medomsley under 5 years and 1 death above. Diphtheria caused 1 death in Medomsley under 5 years. Enteric Fever caused 1 death under 5 years in Medomsley. Puerperal Fever caused 2 deaths above 5 years in Medomsley, and 1 death in Ebchester. Erysipelas caused 3 deaths in Medomsley. Diarrhœa caused 1 death in Ebchester above 5 years. Phthisis caused 7 deaths in Medomsley above 5 years, and 1 death in Ebchester above 5 years. Bronchitis, Pneumonia, and Pleurisy caused 10 deaths under 5 years and 3 above 5 years in Medomsley, also 1 above 5 years in Ebchester. Heart Disease caused 1 death under and 4 above 5 years in Medomsley, and 4 deaths above 5 years in Healeyfield and Muggleswick. Injuries caused 1 death above 5 years in Medomsley. All other Diseases caused 25 deaths under 5 years, and 27 deaths above 5 years in Medomsley, also 2 under 5 years and 3 above 5 years in Healeyfield and Muggleswick. Total from all diseases 105.

Infectious Diseases Notification Act.—105 cases were reported :

In Medomsley, 4 cases of Small-pox, 48 of Scarlatina, 1 of Diphtheria, 1 of Membranous Croup, 16 of Enteric or Typhoid Fever, 1 of Continued Fever, 3 of Puerperal Fever, and 13 of Erysipelas. Total, 87.

In Ebchester, 2 cases of Small-pox, 1 of Scarlatina, and 1 of Erysipelas. Total, 4.

In Healeyfield and Muggleswick, 5 cases of Scarlatina, 1 of Membranous Croup, 1 of Typhoid Fever, 2 of Puerperal Fever, 5 of Erysipelas. Total, 14. Whole District, 105.



The 6 cases of Small-pox were removed to the Leadgate Fever Hospital, and the houses and clothing thoroughly disinfected.

In the Eastern Division of the Medomsley District infectious disease was prevalent all through the year, and is no doubt kept up by intermixing or house to house visitation.

The milk supply is ample, and delivered into each village generally twice a day.

The meat supply is very good, and none unfit or unwholesome has come under notice.

The Dairies are all well kept, and no disease amongst cows observed.

Slaughter Houses are all thoroughly cleaned out once a week.

There is no disinfectant apparatus in use in district.

Food and Drugs Act.—No action taken or required. Section iv. Act 3 of the General Order of 11th November. 1872, has been attended to.

The Water Supply has been very good, and ample, from the Consett Water Company.

Monthly Inspection of the district is regularly followed out, and anything unsanitary at once reported to the Sanitary Inspector.

Ashpits and privies are regularly cleaned by the colliery owners' cartmen, and the refuse removed to a distance, principally into adjoining farms.

Housing of the workmen continues satisfactory.

The main sewers are frequently flushed.

In Medomsley on one or two occasions complaints of sewer gas were made, where the exit was too near the footpath.

Hamsterley Colliery (Croniwell) has been improved as regards spouting and drainage.

### Sanitary Inspector's Report.

Eighteen new Privies and Ashpits have been erected or substituted for old defective ones at Hamsterley Colliery ; two at Castleside, and one at Medomsley. All the houses have been overhauled and repaired, and works executed to protect houses which were previously damp at Hamsterley Colliery ; and each house has during the year been provided with a proper system of drainage. Works have recently been completed by the Local Authority for the Sewerage of part of Allendale Cottages, High and Low Westwood, Derwentside and Croniwell, and the Sewerage from these villages brought to an outfall near the new road Croniwell, where it is proposed to construct Sewage Disposal Works.

The re-spouting of houses has been proceeding steadily during the year, but there is much to be done in this direction throughout the district, a want of spouting conduces to dampness of the house walls and site of the dwelling.

The cess-pools at Low West Wood have been closed, the new sewers now taking the sewage which previously ran into them.

The Sewage Disposal Works at Medomsley, Medomsley Edge, Delves, Temple Town, and Castleside have been in full operation during the year, and are effectually disposing of the sewage generated in these villages.

The scavenging of the colliery villages has been fairly well attended to.

The cowsheds and dairies in the district are well kept.

It has been unnecessary to bring into operation this year the provision of the "Housing of the Working Classes Act."

The water supply is in a fairly good condition, the greater part of the district being furnished with the water of the Consett Waterworks Company.

Eleven new houses, each provided with all sanitary requisites, have been erected in this district during the year.

I am, Mr. Chairman and Gentlemen,

Your obedient servant,

W. T. BOLTON,  
Medical Officer.

THE RURAL DISTRICT COUNCIL OF  
LANCHESTER.



(A.) *TABLE OF DEATHS during the year 1894, in the Lanchester Rural District (Medomsley District); classified according to Diseases, Ages, and Localities.*

[illegible]



(B.) *TABLE OF POPULATION, BIRTHS, and of NEW CASES OF INFECTIOUS SICKNESS, coming to the knowledge of the Medical Officer of Health, during the year 1894, in the Lanchester Rural District (Medomsley District); classified according to Diseases, Ages, and Localities.*

Names of Localities adopted for the purpose of these statistics; Public Institutions being shown as separate Localities.	Population, at all Ages.		Registered Births.	Aged under 5 or over 5.	New Cases of Sickness in each Locality, coming to the knowledge of the Medical Officer of Health.													Number of such Cases removed from their Homes in the several Localities for Treatment in Isolation Hospital.	
	Census, 1891	Estimated to middle of 1894			1	2	3	4	FEVERS.					Cholera	Erysipelas	Measles	Whooping Cough		
									Typhus	Enteric or Typhoid	Contin'd	Relapsing	Puerperal						
Medomsley ..	5306	5671	201	Under 5 .. 5 upw'ds..	1 15 3 33	1 1	1 ..	1 ..	.. 3	4 12	.. 1	.. ..	.. 3	.. ..	.. 13	.. ..	.. ..	.. ..	
Elbchester ..	382	389	9	Under 5 .. 5 upw'ds..	.. 1	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. 1	.. ..	.. ..	.. ..	
Healeyfield and Muggleswick ..	1217	1355	37	Under 5 .. 5 upw'ds..	2 3	.. ..	1 ..	.. ..	.. 2	.. 1	.. ..	.. ..	.. ..	.. ..	.. 5	.. ..	.. ..	.. ..	
Fever Hospital ..	..	..	..	Under 5 .. 5 upw'ds..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	1 5	
TOTALS ..	6905	7415	247	Under 5 .. 5 upw'ds..	1 17 5 37	1 1	2 ..	4 13	.. 5	.. 1	.. ..	.. ..	.. 5	.. ..	.. 19	.. ..	.. ..	1 5	



## EASTERN DISTRICT.

Stanley, R.S.O.,

January 26th, 1895.

Mr. Chairman and Gentlemen,

I have the honour to present you with my report on the condition of the district as regards infectious diseases, vital statistics, and its sanitary state during the year, 1894.

Zymotic Diseases.—The number of notifiable diseases reported to me was 264, and the non-notifiable brought to my notice by enquiry or otherwise amounted to 270, excluding diarrhœa. The numbers for the previous year were 256 and 85 respectively.

The following table gives particulars for the two years :—

			1893.		1894.
Scarlatina	...	...	157	...	195
Diphtheria	...	...	37	...	1
Croup	...	...	2	...	1
Enteric Fever	...	...	35	...	34
Continued Fever	...	...	3	...	2
Puerperal Fever	...	...	1	...	3
Erysipelas	..	...	21	...	26
Measles	...	...	63	...	255
Whooping Cough	...	...	22	...	15
Totals...	...	...	341	...	532

Scarlatina has been present in one place or another throughout the whole of the year. It never became epidemic really, but it touched almost every village in the district. The prolonged convalescent stage in scarlatina after the patient has practically recovered makes it almost impossible to have complete isolation until the infective stage is passed. Hence the difficulty of getting rid of it.

Diphtheria.—The one case reported succumbed at once, and there was no means of verification nor cause for its origin to be found.

Enteric Fever.—Fresh cases of this disease appeared in every month except May and June. The cases as they occurred and the villages attacked were as follows, viz. :—In January, one case at Causey Bank, followed by two in February ; one also at Dipton and two at Burnopfield. In March, one at Annfield Plain, two at Catchgate, and two at Dipton. In April, one at Catchgate and two at Dipton. In July, three at Dipton. In August, two at Dipton. In September, one at Dipton and one at White-le-Head.

In October, one at Cement Houses, one at Flint Hill, and five at Dipton. In November, three at Dipton, and one each at Loud and Annfield Plain. In December, one each at South Medomsley and East Tanfield. The origin of the first case at Causey Bank was not ascertained; the others followed in the same house. A case was imported into Catchgate, and those occurring subsequently in the same village, and at Annfield Plain were its off-spring. The Burnopfield cases occupied a house that might be considered still infected. The case at Loud was another importation, and that at Annfield Plain was connected with it. The case at Cement Houses caught the infection outside the district. There was nothing to shew how the case at East Tanfield originated. As regards those in South Medomsley, Flint Hill, and Dipton they were probably a continuation of the outbreak that began in the last named village in November, 1893—at least there had been communication between some, and others were within the area of infection.

Continued Fever.—The two cases notified lived in a house adjoining one infested with Typhoid Fever and may have been a mild form of the latter disease.

Measles was brought into the district in May and September, on the first occasion the initial case was discovered and isolated successfully, but on the second it got a clean start and spread rapidly over the villages of Hobson, Burnopfield, and Lintz. Shortly afterwards the villages of Tantobie, Tanfield Lea, and Kyo, were invaded before it finally ceased. Closing the schools at Burnopfield and Tanfield Lea during the epidemic acted most beneficially.

Whooping Cough never extended beyond the few houses where the outbreak began.

Puerperal Fever.—Of the three cases one ended fatally. No infection could be carried from one to the other.

Erysipelas. Although the number was unusually large, it was not due to infectiveness, all were separate cases.

### VITAL STATISTICS.

The number of births registered during the year amounted to 567 and the deaths to 270. The birth-rate is equal to an annual ratio of 37·3 per thousand, and the death-rate to 17·8, estimating the population at 15,200.

The deaths from Infectious Diseases including Diarrhœa were 40, being equal to about 15 per cent of the whole.

The infantile mortality is particularly excessive, over a third of the deaths being under one year, and by adding those above one year and under five, it will be seen that over half of the deaths occur before reaching the age of five years.

The following table gives the causes of death under the age of one year :—

Air Passages	...	...	...	22
Premature Birth	...	...	...	11
Debility and Inanition	...	...	...	19
Convulsions	...	...	...	9
Digestive Organs	...	...	...	4
Constitutional Diseases	...	...	...	8
Scarlatina ..	...	...	...	1
Measles ...	...	...	...	7
Whooping Cough	...	...	...	5
Diarrhoea ..	...	...	...	4
Other Kinds	...	...	...	7
				<hr/>
Total ...	...	.	...	97
				<hr/>

### Inspector's Report.

#### SANITARY IMPROVEMENT DONE DURING THE YEAR.

Dwelling Houses.—Twenty-three new houses with proper sanitary appliances and fittings have been certified as fit for habitation. Houses situated at Collierley, Burnopfield, Dipton, Hill Top, Annfield Plain, and Friar Side, numbering thirty-one altogether, that were in a more or less dilapidated condition have been thoroughly repaired, in one instance rebuilt, and made comfortable. By order of the Magistrates, under the Housing of the Working Classes Act of 1890, two houses at Hill Top, two at Clough Dene, and three at Annfield Plain have been closed. Several notices have been issued to owners of other property that unless complied with will necessitate further proceedings.

Sewerage Works.—The Western portion of Burnopfield has been sewered by the Sanitary Authority and the sewage deposited on and is at present temporarily irrigating a plot of land secured for sewage disposal purposes at Busty Bank. Nearly all the houses for which the main sewer was laid, have had their connections put down in accordance with the requirements of the Board. Sewage disposal works, by chemical filtration are in course of construction and will be finished shortly at West Kyo, for the treatment of the sewage flowing from Annfield Plain, Catchgate, New Cornwall, East Pontop, Harelaw, Kyo and adjoining houses. The sewage works at Tantobie continue in a most satisfactory state ; during the dry season no effluent was discharging into the stream, the soil absorbing the whole.

Thirty-one out-offices of an improved type have been added to or substituted for those requiring repairs or alterations, and these are now undergoing improvement.



Water has been laid within the dwellings of five houses at Hill Top and to all the houses at Old Causey Rows.

Cowsheds and Dairies have been found in good order. Enteric Fever broke out in a dwelling-house having a dairy attached, the business was promptly removed and every care taken to prevent the milk becoming contaminated.

Scavenging and removal of refuse have been generally carried out without complaint.

Slaughter-houses are well kept.

Lodging-houses are fairly satisfactory.

No prosecution has been undertaken under the "Food and Drugs Act."

Outfall works are needed to intercept the sewage from the villages of Tanfield and Tanfield Lea. At present it flows almost directly into the Houghel Burn, and is one of many outlets polluting that stream.

I remain, Gentlemen,

Your obedient servant,

T. BENSON,

Medical Officer.

THE RURAL DISTRICT COUNCIL OF  
LANCHESTER.





(A.) TABLE OF DEATHS during the year 1894, in the Lanchester Rural District (Eastern District); classified according to Diseases, Ages, and Localities.

Names of Localities adopted for the purpose of these statistics; Public Institutions being shown as separate Localities.	MORTALITY FROM ALL CAUSES, AT SUBJOINED AGES.						MORTALITY FROM SUBJOINED CAUSES, DISTINGUISHING DEATHS OF CHILDREN UNDER FIVE YEARS OF AGE.																							
	At all ages.	Under 1 year	1 and under 5	5 and under 15	15 & under 25	25 & under 65	65 & upwards	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
								Smallpox	Scarlatina	Diphtheria	Membranous Croup	Typhus	Enteric or Typhoid	Contind	Relapsing	Puerperal	Cholera	Erysipelas	Measles	Whooping Cough	Diarrhoea and Dysentry	Rheumatic Fever	Ague	Phthisis	Bronchitis, Pneumonia, and Pleurisy	Heart Disease	Injuries	All Other Diseases	Total	
Eastern District	270	97	43	16	13	69	32	Under 5 5 ypw'ds..	..	9	1	..	..	4	..	..	1	..	11	6	6	..	2	..	9	35	17	2	70	140

(B). TABLE OF POPULATION, BIRTHS, and of NEW CASES OF INFECTIOUS SICKNESS, coming to the knowledge of the Medical Officer of Health, during the year 1894, in the Lanchester Rural District (Eastern District); classified according to Diseases, Ages, and Localities.

Names of Localities adopted for the purpose of these statistics; Public Institutions being shown as separate Localities.	Population, at all Ages.		Registered Births.	Aged under 5 or over 5.	New Cases of Sickness in each Locality, coming to the knowledge of the Medical Officer of Health.													Number of such Cases removed from their Homes in the several Localities for Treatment in Isolation Hospital.						
	Census, 1891	Estimated to middle of 1894			1	2	3	4	FEVERS.					Membranous Group	Typhus	Enteric or Typhoid	Contin'd		Relapsing	Puerperal	Cholera	Erysipelas	Measles	Whooping Cough
					Smallpox	Scarlatina	Diphtheria	Membranous Group	Typhus	Enteric or Typhoid	Contin'd	Relapsing	Puerperal											
Eastern District	14766	15200	567	Under 5 .. 5 upw'ds ..	..	90	1	1	..	..	34	2	..	..	3	..	..	..	..	26	..	..		

# COUNTY OF DURHAM.

SUMMARY of work done in the Inspector of Nuisances' Department during the year 1894, in the Rural Sanitary District of Lanchester.

I. Public Health Acts.				Number of Informal written notices by Inspector.	Number of Formal notices by order of Authority.	Number of Nuisances abated after Notice.	General Remarks.
Dwelling-houses and Schools.	Foul Conditions	..	1	1	1		{ 6 closed and 10 notices unexpired.
	Structural Defects	..	44	44	245		
	Overcrowding	..	1	4	5		
	Unfit for Habitation	..	—	20	4		
Lodging-houses		..	2	—	2		
Dairies and Milkshops		}	2	1	4		
Cowsheds			—	—	—		
Bakehouses		..	—	—	—		
Slaughter-houses		..	—	—	—		
Ashpits and Privies		..	142	26	297		
Deposits of Refuse and Manure		..	1	2	3		
Water-closets		..	—	—	—		
Defective Yard Paving		..	3	1	2		
House Drainage	Defective Traps	}	34	44	376		
	No Disconnection from Sewers						
	Other Faults						
Water Supply		..	6	2	24		
Pigsties		..	1	1	6		
Animals improperly Kept		..	6	4	25		
Offensive Trades		..	—	—	—		
Smoke Nuisances		..	—	—	—		
Other Nuisances		..	10	2	11		
Totals			..	273	132	1005	

II. Foods and Drugs.		Number.	Remarks.
Seizures of Unwholesome Food			
Convictions for exposing or selling unwholesome Food			
Samples of Food and Drugs taken for Analysis			
..	..		
..	.. found Adulterated	2	
..	.. of Water taken for Analysis	2	
..	.. condemned as unfit for use		
III. Precautions against Infectious Disease.			
Lots of Infectious bedding stoved or destroyed		1	
Houses disinfected after Infectious Disease		7	
Schools do. do.			
Prosecutions for exposure of infected persons or things			
Convictions for do. do. do.			

J. E. PARKER,

Inspector of Nuisances.

February 14, 1895.



